



Multipurpose Wireless Calling System

User Manual for

Digital Happy Call

Model: HP-1500T, 150A, 150R

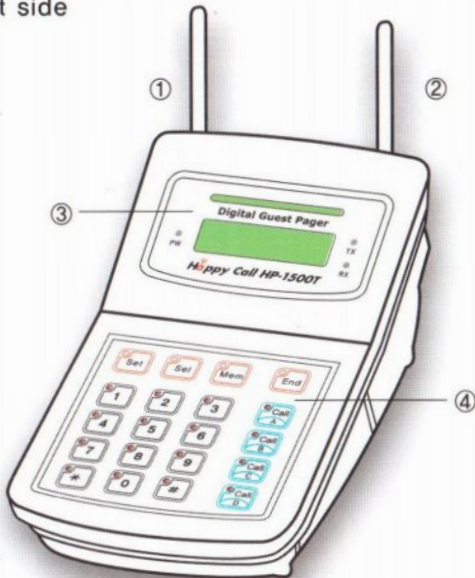


Thank you for purchasing the digital Happy Call.
Please install the device after reading this manual carefully.

1. Composition of Multipurpose Happy Call

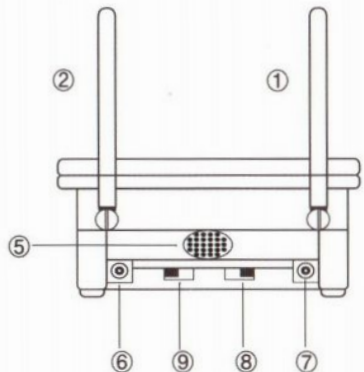
1) HP-1500T(Transmitter)

(1) Front side



(2) Rear side

- ① Receiving ANT.
- ② Transmitting ANT.
- ③ Various Display window
- ④ Function Setting Area
- ⑤ Speaker
- ⑥ Charger Power Entry
- ⑦ Power Entry
- ⑧ Power Switch and Volume
- ⑨ Charge and Registration Switch



1. Composition of Multipurpose Happy Call

(3) Various Display window



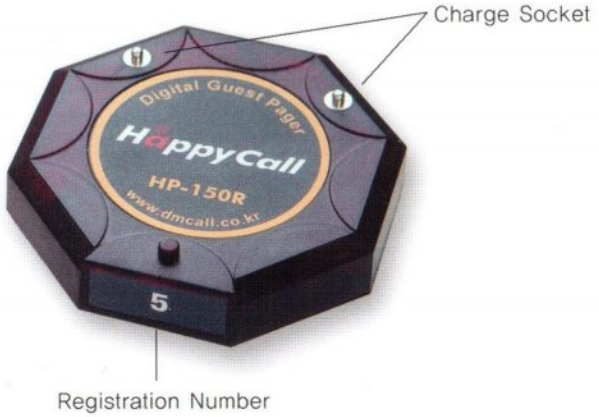
(4) Function Setting Area



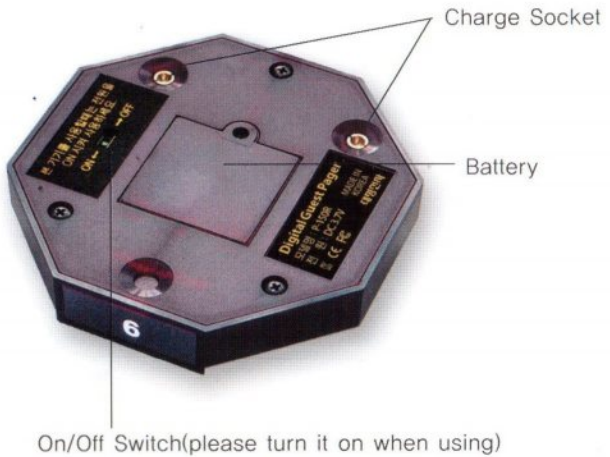
1. Composition of Multipurpose Happy Call

2) HP-150R(Receiver)

(1) Front side



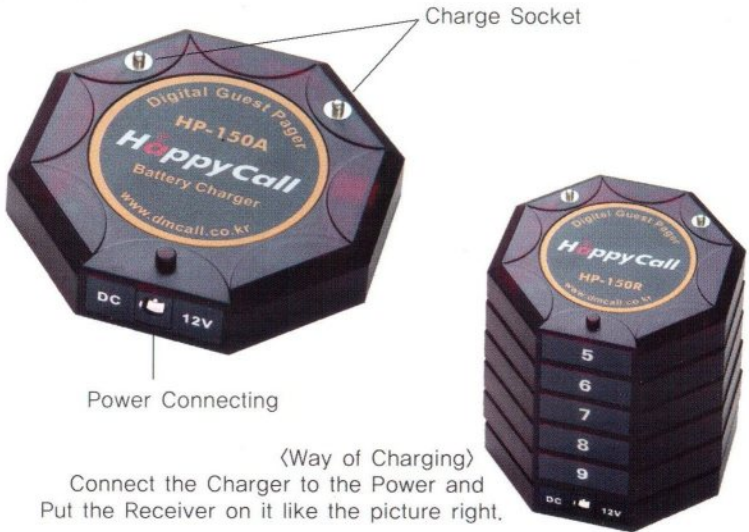
(2) Rear side



1. Composition of Multipurpose Happy Call

3) HP-150A(Recharger)

(1) Front



〈Way of Charging〉

Connect the Charger to the Power and
Put the Receiver on it like the picture right.

4) Adaptor(AC220V/60Hz DC12V 2A)



5) Cord for Charging(DC12V 2A)



2. Function Explanation of Multipurpose Happy Call

1) The function of each button



Number Button

~



Input Cancellation Button



Function Setting Button



Menu Selection Button



Menu Reservation & Memory Button



Setting End Button



Receiver Calling Button
(Lamp On)



Receiver Calling Button
(Sound + Lamp On)





Receiver Calling Button
(Vibration + Lamp On)



Receiver Calling Button
(Sound + Vibration + Lamp On)

2) Menu Selection and Type -

All menus are shown with Beep sound when  button is pressed for 5 seconds and then select the Menu via pressing  button.

- ① Receiver Registration - Receiver Prog
- ② Registration of Calling Bell - Remot Memory
- ③ Time Setting - Time Set
- ④ Selection of Bell Sound - Bell Select
- ⑤ Setting Bell of Repeating Number - Bell Repeat
- ⑥ Setting of Display Time - Display Time
- ⑦ Deletion of Calling Number - Remot FindDel

3) Type of Bell Sound

① HP-1500T is Digital Guest Pager and both ways of receiving and transmitting are possible. Also, receiving Bell Sound(melody) can be selected from the product equipped 12 types of Bell Sound






② Name of Bell Sound(Melody)



No. Melody	No. Melody	No. Melody	No. Melody
01 Dingdong Dingdong	04 Melody 1	07 Melody 4	10 Telephone Sound
02 Dingdong	05 Melody 2	08 Melody 5	11 Dog Barking Sound
03 Birds Sound	06 Melody 3	09 Melody 6	12 Siren Sound

3. How to set the function of multipurpose Happy Call

1) Receiver Registration(Receiver Prog): Factory Setting is done.

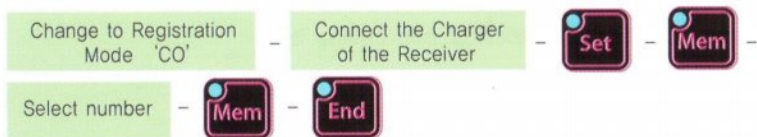
① The Charger and Registration Switch on the rear side of the Transmitter (HP-1500T) should be changed to 'CO' and put the Receiver (HP-150R) on the Charger(HP-150A).

② When the  button of the Transmitter(HP-1500T) is pressed for 5 seconds,  is shown on the Display window. If the  button is pressed at this time,  is shown on the Display window. In order to register the selected number, select the number to register using the Number button and press  button with beep sound.

③ Continuously, in order to register another number, put the Receiver(HP-150R) on the Charger(HP-150A), select the number and press the  button. Then, the number is registered with the beep sound. Press  button to finish the registration.

④ After ending the registration, the Charger and Registration Switch on the rear side of the Transmitter(HP-1500T) should be changed to 'CH' . And then, charging is possible.


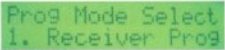

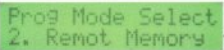

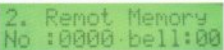


(Example)







(Caution) The same number is registered when you register several Receivers on the Receiver at the same time.

3. How to set the function of multipurpose Happy Call

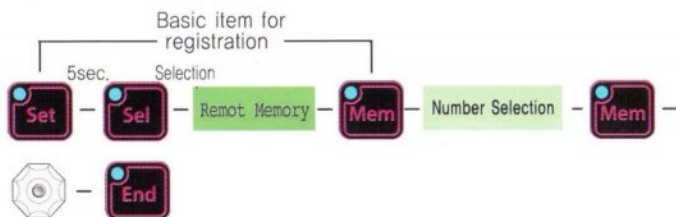
2) Registration of Calling Bell(Remot Memory): the function of 400 memories

① When  button is pressed for 5 seconds,  is shown on the display window.. At this time, press  button and select . And then, when you press  button, then,  is shown and [NO:0000] is flickering. After that, select the number to register and press  button one more time, the number is displayed like . Then, press Calling Bell and it is registered with the sound of Ding dong.

② Continuously, in order to register another number, select the number and press  button and press Calling Bell. Then, you can register another number. In order to end registration, press  Button.

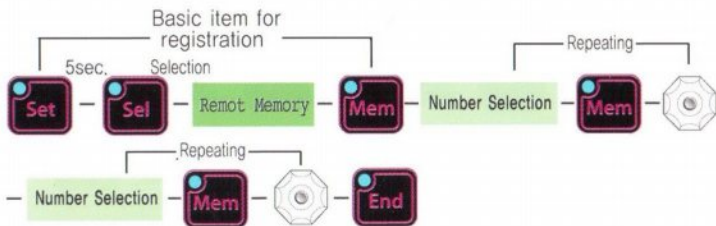
③ In order to register reserved bell sound for the calling bell, select number like the registration method of 2)- ① and press  button. Then, **bell: 01** is flickering. Then, select one of bell sounds(12 melodies) and press  button and Calling Bell. Then, the reserved bell sound is registered with the sound of Ding dong.

(Example) ① Registration of one calling bell

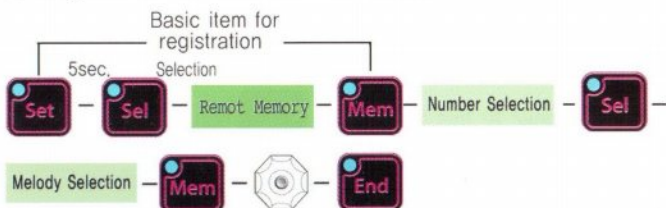


3. How to set the function of multipurpose Happy Call

② Registration of several calling bells



③ Registration of reserved Bell Sound

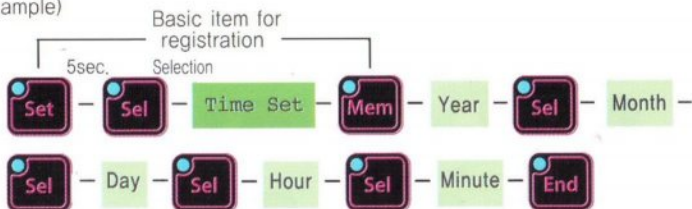


3) Time Setting (Time Set) : Displayed 0 to 24 hours

- ① Press **Set** button for 5 seconds, then, **Prog Mode Select 1. Receiver Prog** is shown on the display window. At this time, press **Sel** button and then press **Mem** button after selecting **Prog Mode Select 3. Time Set**. Then, **3. Time Set 2011-09-09 11:14** is shown. Then, set the year using number button and press **Sel** button to set the month. Then, again press **Sel** button to set the day and keep pressing **Sel** button to set the time and the minute. Then, press **End** button finally.

3. How to set the function of multipurpose Happy Call

(Example)

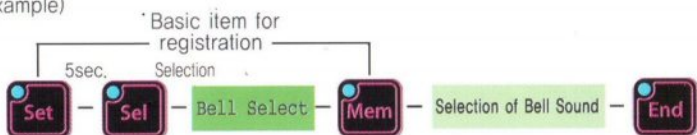


4) Selection of Bell Sound : 12 melodies included

(faction setting : Ding dong Ding dong)

- ① Press **Set** button for 5 seconds, then you see **Prog Mode Select** on the display window. At this time, press **Sel** button to select **1. Receiver Prog** and press **Mem** button. Then, **4. Bell Select** is displayed. Use the number button to select Melody(01 ~ 12) and press **End** button for confirming the selection.

(Example)



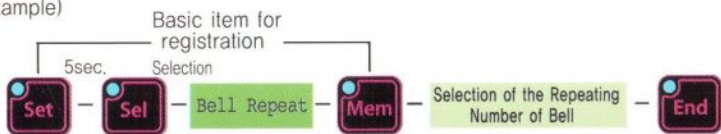
3. How to set the function of multipurpose Happy Call

5) Setting Bell of Repeating Number (Bell Repeat) :

Repeating Number is from 1 to 19 times (factory setting : 1 time)

- ① Press **Set** button for 5 seconds and **Prog Mode Select 1. Receiver Prog** is shown on the display window. At this time, press **Sel** button to select **Prog Mode Select 5. Bell Repeat..** and press **Mem** button. Then, **5. Bell Repeat.. repeat 1-19 : 01** is displayed. Use the number button to select Repeating Number of Bell and press **End** button finally.

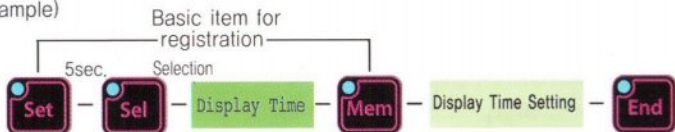
(Example)



6) Setting of Display Time : 1 to 99 seconds (factory setting : 10 seconds)

- ① Press **Set** button for 5 seconds and **Prog Mode Select 1. Receiver Prog** is shown on the display window. At this time, press **Sel** button to select **Prog Mode Select 6. Display Time** and press **Mem** button. Then, **6. Display Time Time 0-99 : 10** is displayed. Use the number button to select Display Time and press **End** button finally.

(Example)

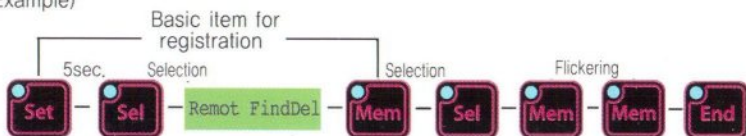


3. How to set the function of multipurpose Happy Call

7) Deletion of Calling Number (Remot FindDel)

- ① Press **Set** button for 5 seconds and **Prog Mode Select 1. Receiver Prog** is shown on the display window. At this time, press **Sel** button to select **Prog Mode Select 7. Remot FindDel** and press **Mem** button.
- Then, **7. Remot FindDel find No : 0010** is displayed and also the lowest number is shown among registered numbers. Then, use **Sel** button to select the number for deletion and then press **Mem** button one more time. Then, the number is flickering. At the time, press **Mem** button to delete the number and press **End** button to end. Use the number button to select Display Time and press **End** button finally.

(Example)



4. Charger (HP-150A Battery Charger)

1) Power

- ① The power of Charger is using an adaptor for AC220V 60Hz DC12V 2A. And also the power is provided from the Transmitter(HP-1500T)
- ② Connect the Charge Cord(DC Cord) provided as an extra to the Charger Pack on rear side of the Transmitter(HP-1500T) and the Convert switch should be to 'CH'. Then, the Charger shows red lamp on.



4. Charger (HP-150A Battery Charger)

2) Charge

- ① In order to start charging, put the receiver (HP-150R) on the charger, like the picture right, under the status of 1)–②.
- ② When charging, the Red lamp is flickering. When charging is done, then the red lamp is on.



5. Receiver (HP-150R Guest Pager)

1) Power

- ① The power of Receiver using DC 3.7V 370mA, Lithium polymer batteries and turn on the power for the very first use. (factory setting : off)
- ② When the battery of Receiver is waiting, the red lamp is flickering. After consuming the battery 80%, there is beep sound. Then, charging is needed.





6. Way of calling Receiver (Guest Pager Call)


1) When calling the registered calling bell, use the Transmitter (HP-1500T) to select number. When you press  button, the Receiver is vibrating like A, B, C and D below.

2) The status of  button is divided into A, B, C, and D.

 : Red lamp is on  : Red lamp is on with beep sound

 : Red lamp is on with vibration

 : Red lamp is on with both beep sound and vibration

3) Please, select the number, 999, and press  button when you call all the receivers registered at the same time.

Then, all the receivers registered start working.

7. The outline of Happycall and Electrical specifications

1) Technical Date

- ① Frequency Band : 869.400 – 869.650 MHz
- ② Operating Frequency : 869.500 MHz
- ③ Transmission Power : 500 mW
- ④ Frequency Stability : +/- 7ppm
- ⑤ Frequency Bandwidth : +/- 25KHz
- ⑥ Modulation Method : PLL
- ⑦ Communication System : simplex
- ⑧ Type of Signal : F1D
- ⑨ Transmission Speed : 2400BPS max
- ⑩ Antenna Gain : under 2dBi
- ⑪ Voltage : HP-1500T(Transmitter) – DC12V 2A
: HP-150A(Battery Charger) – DC12V 2A
: HP-150R(Receiver) – DC3.7V 380mA
- ⑫ Temperature to Operate : -10 ~ +40
- ⑬ Range : Outdoors–About 500 m, Indoors–up to 100m

2) Composition and Dimensions

- ① HP-1500T : Liquid Crystal Display Part
 - Main Part for Transmit
 - .Key Board Switch Part
 - Size & Weight : 195(W)x125(L)x60(H)mm, 365g
- ② HP-150R : Receiver Part
 - Size & Weight : 90(W)x90(L)x16.5(H)mm, 84g
- ③ HP-150A : Battery charger Part
 - Size & Weight : 90(W)x90(L)x16.5(H)mm, 90g

※ Specifications are subject to change without notice

8. Warranty Terms and Trouble Shootings

- 1) Warranty Period : 1 year after Purchasing Date (Please keep the purchase receipt to prove.)
- 2) Any warranty issues to repair during the warranty period are free of charge excluding transportation cost.
- 3) Any danger or Malfunction caused by the end user's mistake or natural disaster is not covered by the warranty.
- 4) Trouble Shootings

Symptom	Trouble Shooting
● Beep Sound from Receiver	○ Battery discharge and recharge
● Not proper vibration of Receiver after charging	○ Battery exchange
● Receiver charging is not working properly	○ Check the charging switch, 'CO' ○ Check the connection socket
● Beep Sound when calling Receiver	○ Check the receiver charger.
● Receiver lamp is flickering with sound on the charger	○ The status of power switch is off. Exchange the battery

Distributor



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